

Order Date: 16/01/06
D / M / Y

W.O. Number # 2006-01
Current yyyy - 000

3. Work Order Package Preparation

☐ Document Control List for _____ issue _____; DCL _____ Rev. _____

☐ Full set of new drawings for complete fabrication.

OR

☒ Partial set of ~~new~~ drawings for parts fabrication:

Drawing List: 49221, Revision 1; 49311, Revision 1

49320, Rev 1

Notes: _____

Order Date: 16/01/06
D / M / Y

W.O. Number # 2006-01
Current yyyy - 000

B. PARTS LIST

- ☐ **Complete fabrication:** This list may *not* be used as Final Inspection Record.
- ☒ **Partial fabrication:** This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
10	49311-01	FWD LDG GEAR FTG	6061-T6 AL PLATE	5017/5005	A
4	49221-01	FWD BEAM	6061-T6 1x3	5035	A
3	49221-02	AFT BEAM	"	5035	A
10	49320-01	Barrel NH	304 S.S- 3/4 Dia Rod	4072	A

Notes: _____

Order Date: 16/01/06
D / M / Y

W.O. Number # 2006-01
Current yyyy - 000

C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES

1. Inspection of Welded Assemblies

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conforming to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

Date

Welder's Signature

License #

2. Inspection of Component Parts

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

Jan 19/06
Date

Jeff Clarke
Inspector's Signature

D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1				

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

Date

DAR or Inspector's Signature

DOCUMENT CONTROL LIST

DOCUMENT NO.	DOCUMENT CONTENT	REVISION
INSTALLATION DOCUMENTS		
49201	Cargo Basket Installation	1
FMS492.01	Flight Manual Supplement	1
MI492.01	Maintenance Instructions	3
FABRICATION DOCUMENTS		
49205	Cargo Basket Assembly	1
49207	Cargo Basket Lid	1
49208	Cargo Basket Body	1
49209	End Hoop Assembly	1
49210	Basket Components – Hoops	1
49211	Basket Components – Rim	1
49212	Basket Components – Rim	0
49213	Basket Components – Lid Brace	1
49214	Basket Components – Spine	0
49215	Basket Components – Spacer	0
49216	Basket Components – Spacer	0
49217	Basket Components – Lug	1
49218	Placard	1
49219	Spacer	0
49221	Support Beams	1
36255	Handle Assembly	1
36261	Handle Bar Assembly	1
36262	Handle Bracket Assembly	1
36271	Handle Lever	0
36272	Basket Bracket	0
36273	Lid Bracket	0
36274	Bushing	0
36275	Bushing	1
36276	Spring Hook	0
36277	Handle Bar	0
36278	Spring	1
36280, Sheet 1	Brace	2
36280, Sheet 2	Brace	2
ENGINEERING DOCUMENTS		
ER492.01	Engineering Report – Basket Installation	0
ER492.02	Engineering Report – Basket Load Tests	0
APPROVAL:	ORIGINAL DATE: 17 May, 2002 REVISION DATE: 20 July, 2004	AERO DESIGN LTD. 2013 – 39 th Ave. NE Calgary, Alberta T2E 6R7 Ph. (403) 250-8027 Fax. (403) 250-8333
	SHEET 1 OF 1	BELL 206L SERIES Side-Mounted Cargo Basket Installation
	<div> DCL492 </div> <div> Rev. <div>4</div> </div>	

- AMO 91-02 -



Unit #1, 19158 94 Ave., Surrey, BC V4N 4X8

JOB No.

2374

Nomenclature:

Gear Fitting.

Part No.

49346

Serial No.

N/A 1st

Customer

Aero Design

New



Overhaul



Repair



Inspected



Date

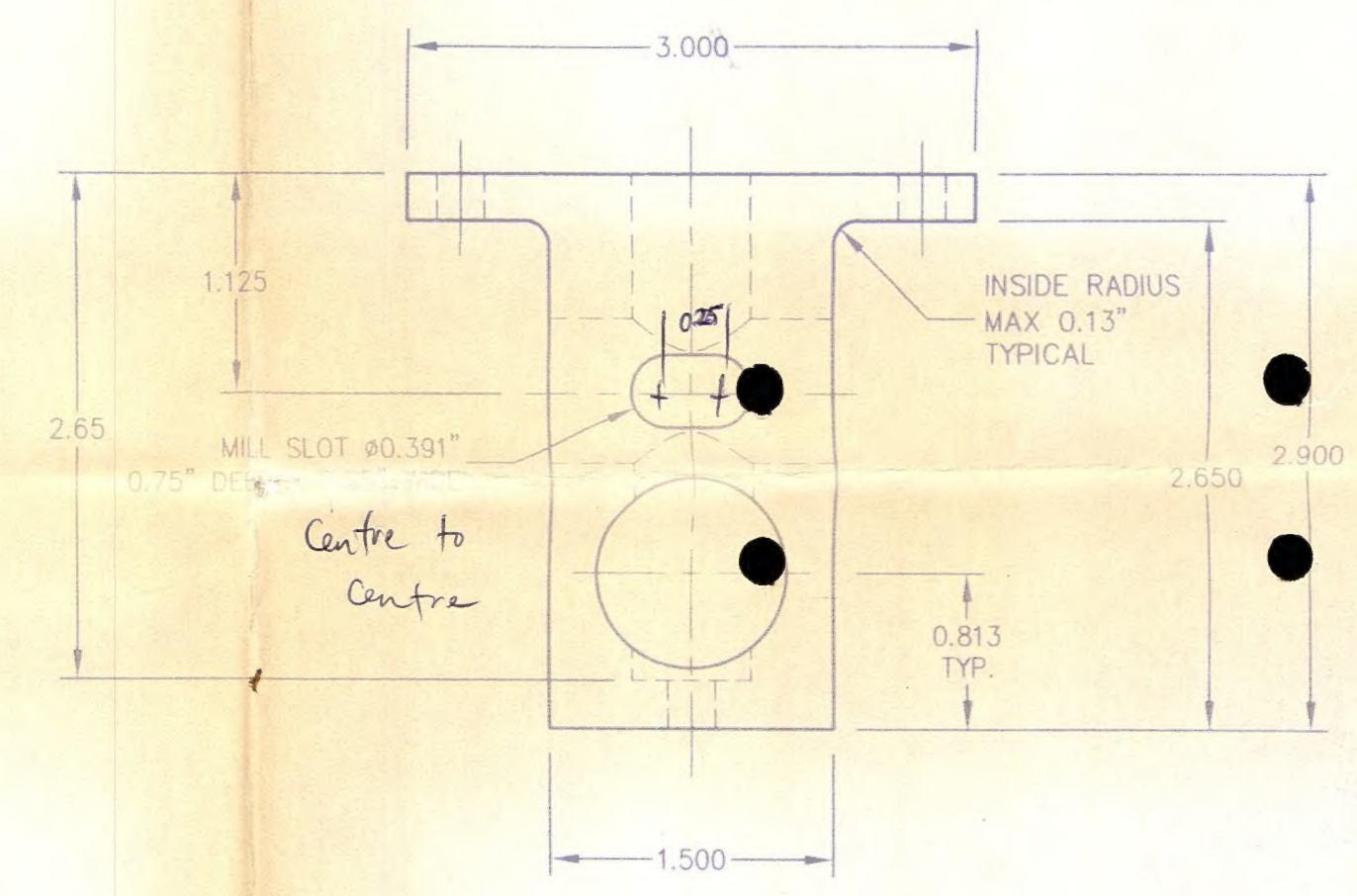
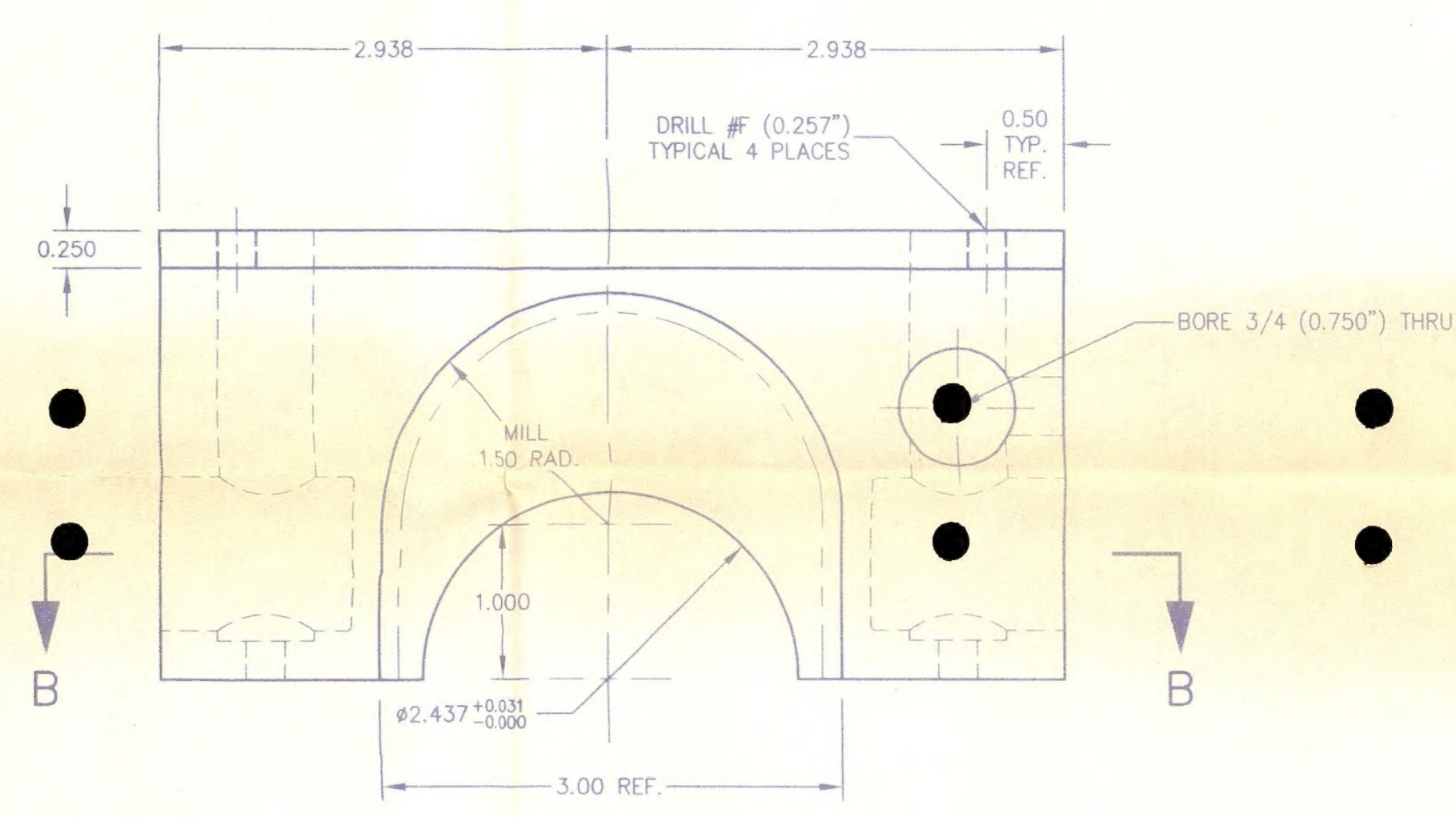
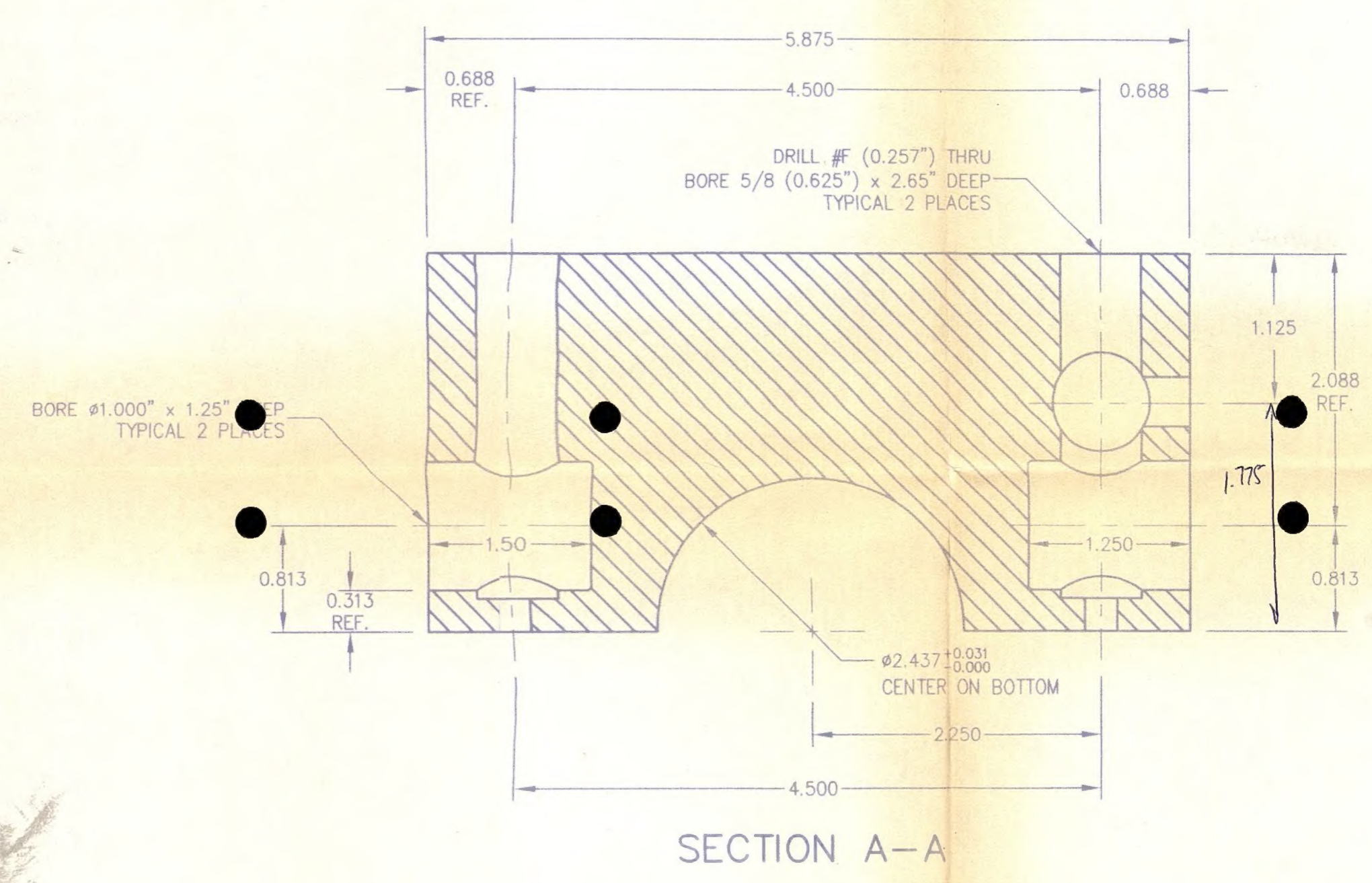
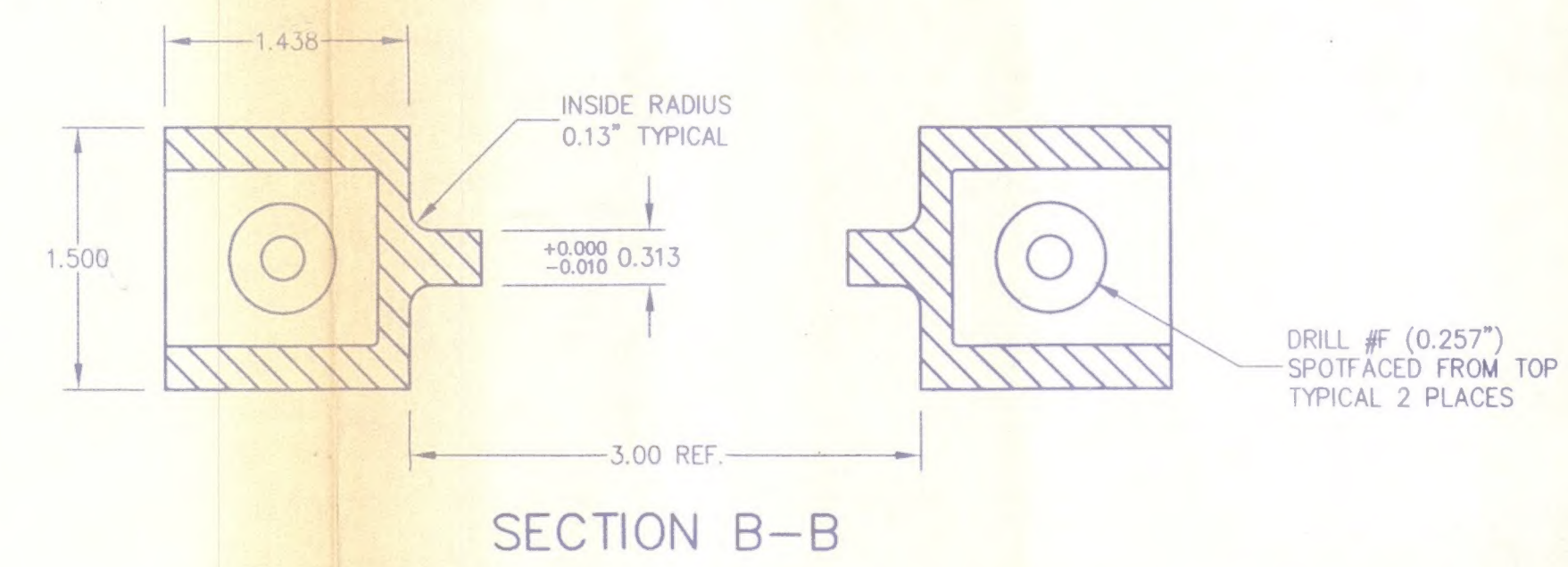
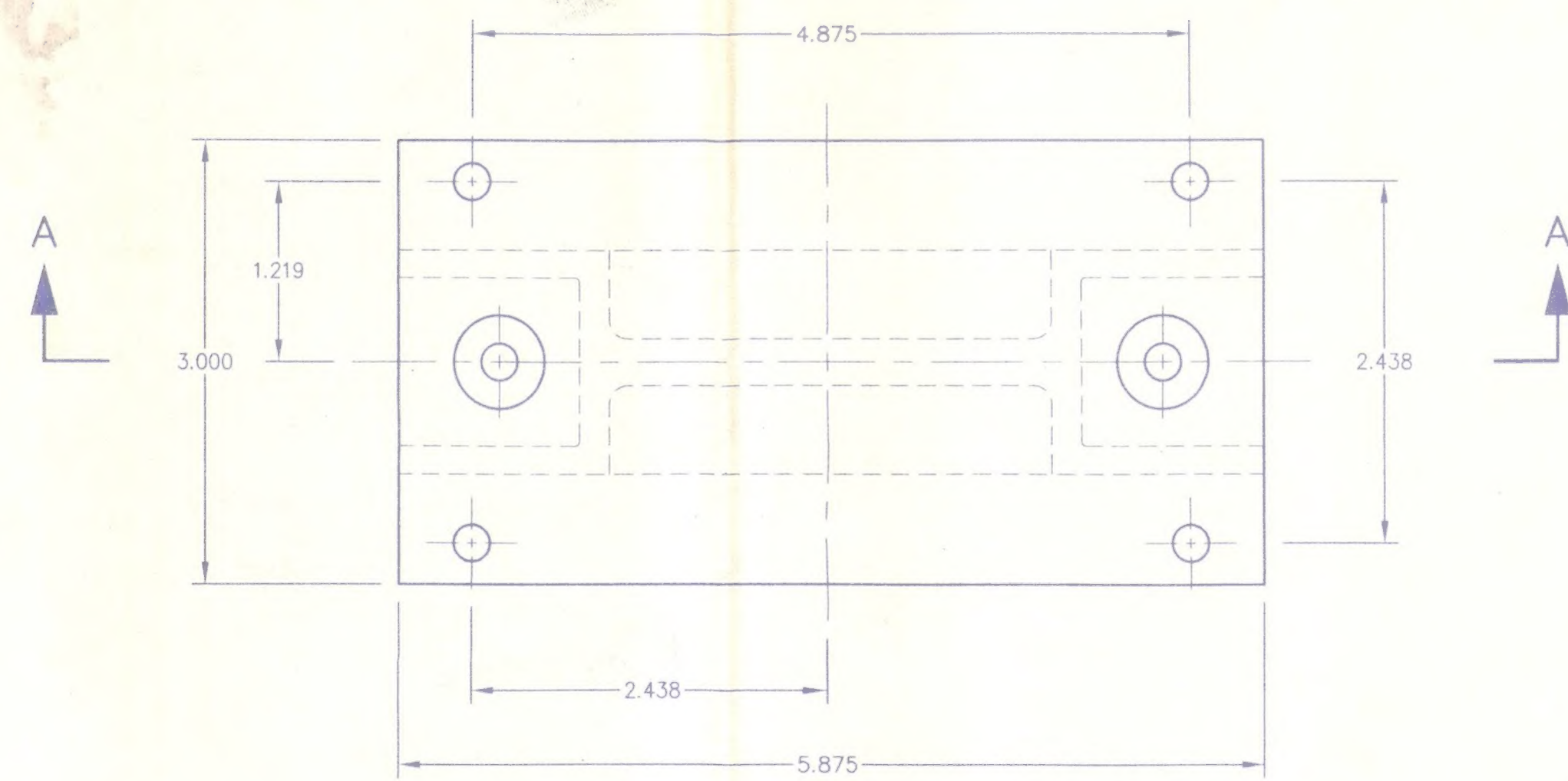
April 5, 05

Inspector's Signature Stamp

SERVICEABLE

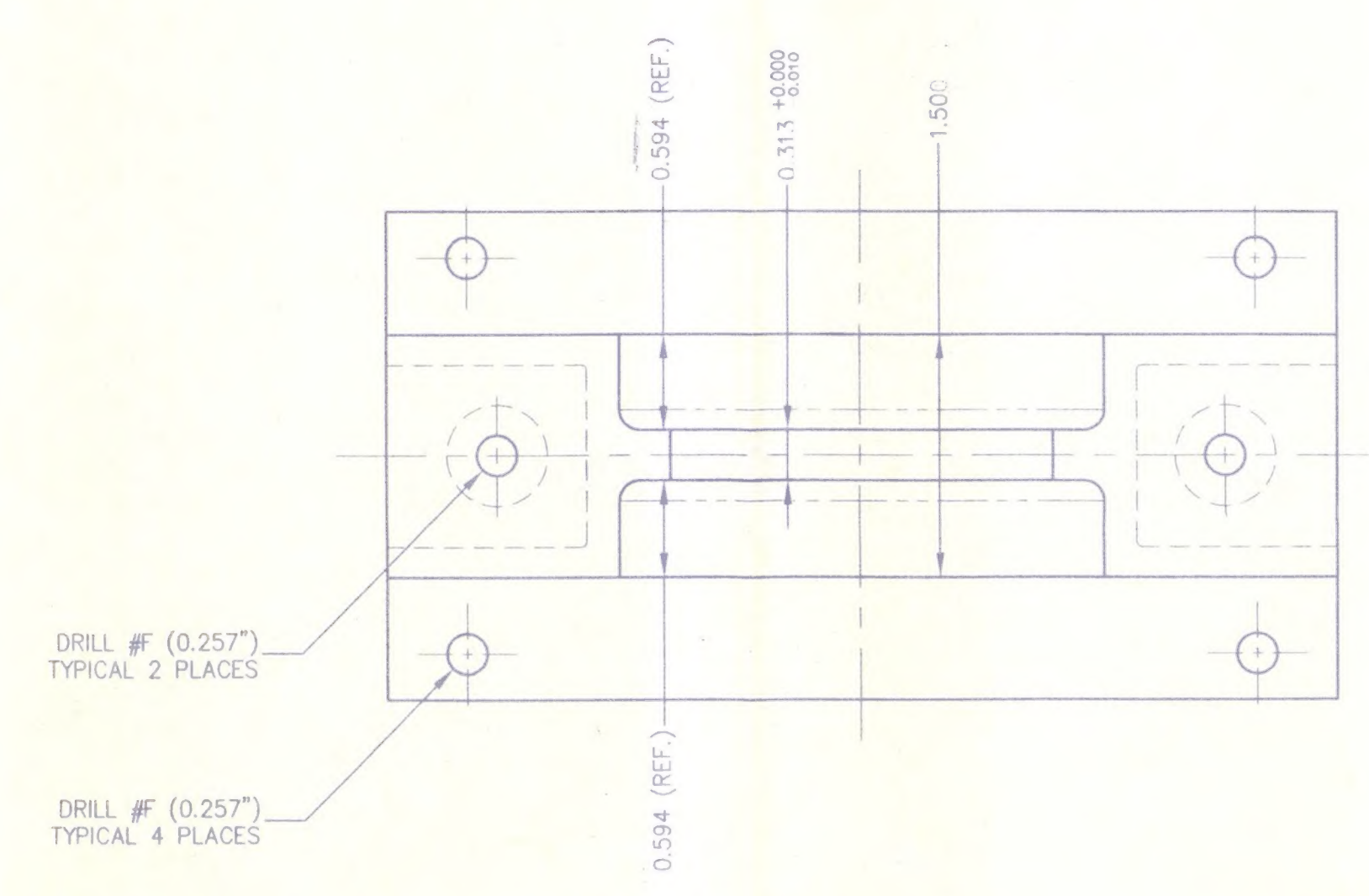
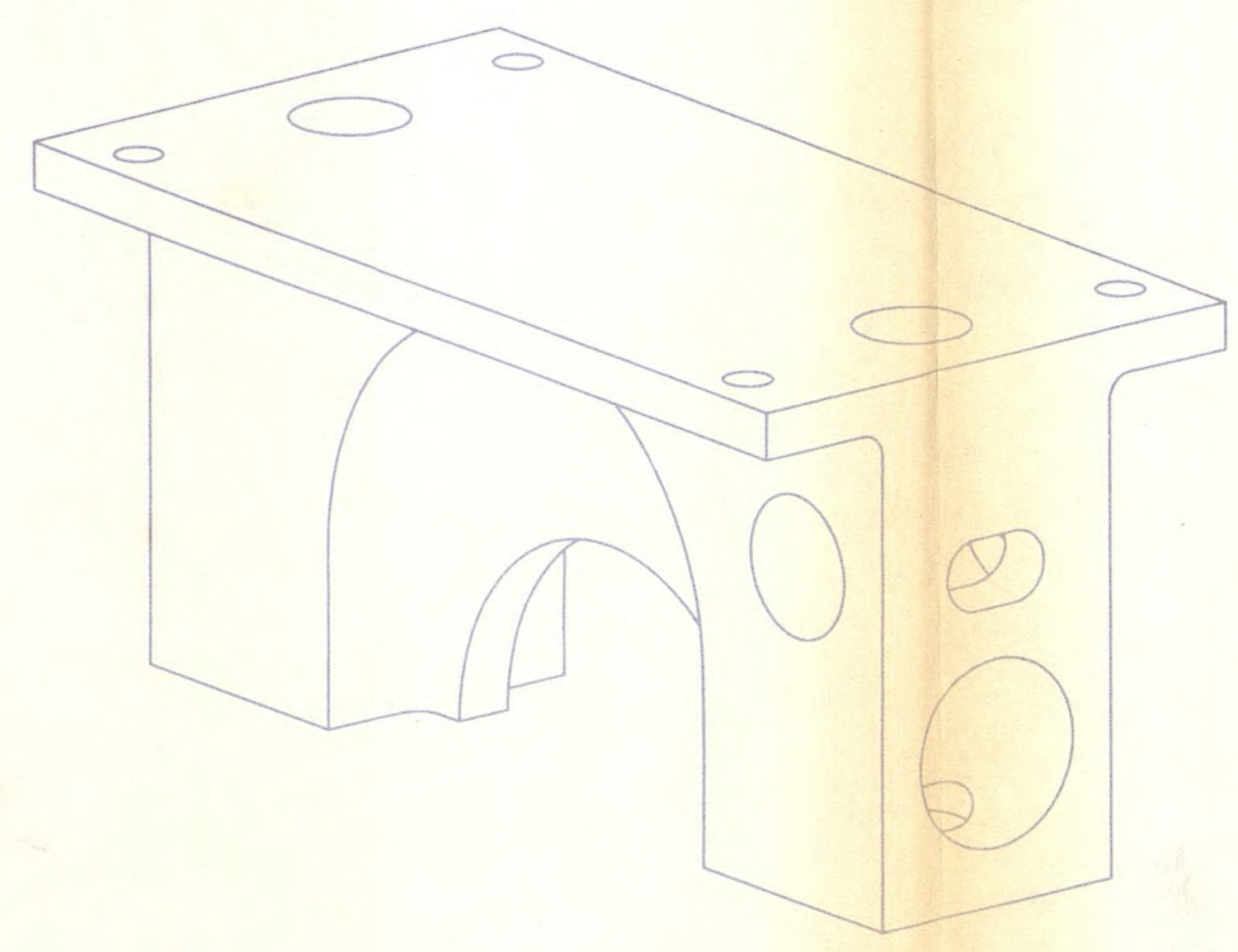
● 5017

NOTICE			
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	MANUFACTURING CHANGE: SIDE MOUNTED BARREL-NUT, BEARING DIAMETER INCREASED, FLANGE REDUCED FROM 0.40" TO 0.25" PER ER493.03	STF	JUN 17/02
2	ADDED REFERENCE DIMENSIONS	STF	MAY 03/04



01 FORWARD FITTING

- NOTES:
1. REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.
 2. THOROUGHLY CLEAN, EPOXY PRIME, AND PAINT PART PRIOR TO ASSEMBLY.



2	49311-01	01	FORWARD FITTING	6061-T651 ALUMINUM	QQ-A-250/11	3.0" PLATE
	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
QTY.	LIST OF MATERIALS					
APPROVALS			DATE			
DRAWN: STEVEN FAHEY			APR 24/02			
CHECKED: E. BURGAIN			APR 24/02			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			DECIMALS: X.XXX ±0.010 X.XX ±0.03 X.X ±0.1 ANGLES: ±1/2°			
			AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
			BELL 206L SERIES EXTERNAL ATTACHMENT PROVISIONS FORWARD FITTING			
SCALE 1 : 1			DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 1			A1	49311	2	

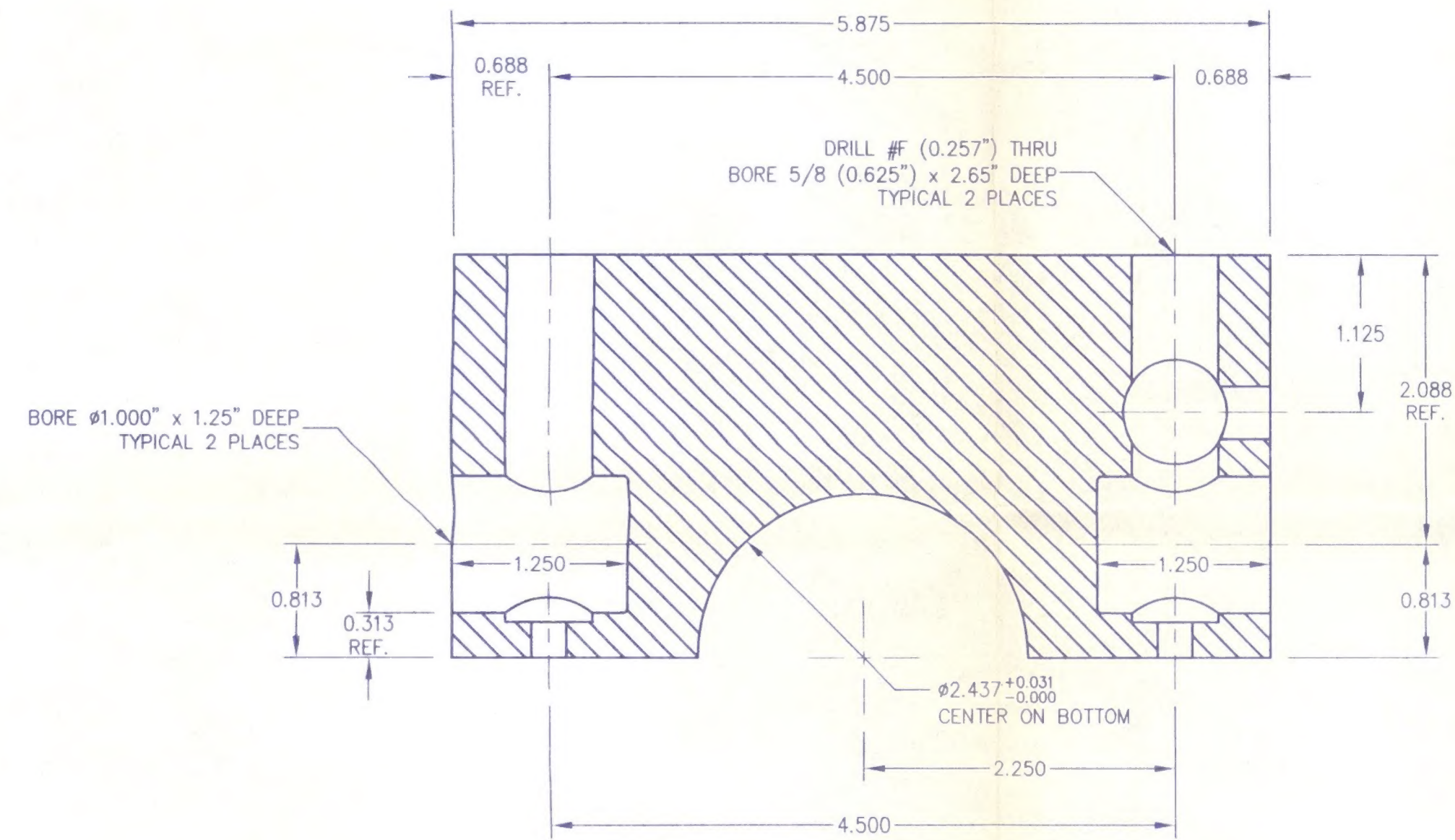
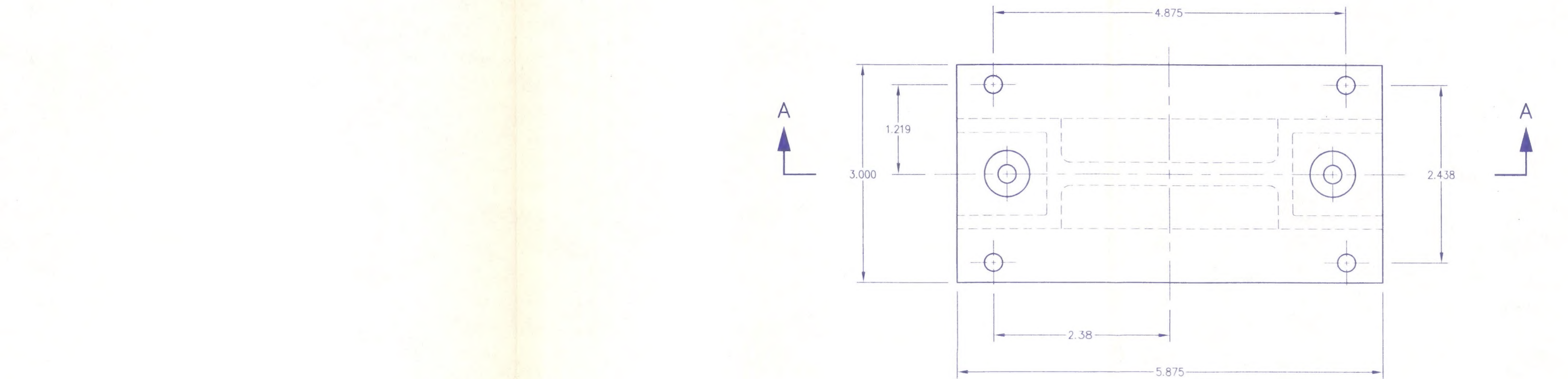
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Technical drawing of a tapered shaft with the following dimensions and annotations:

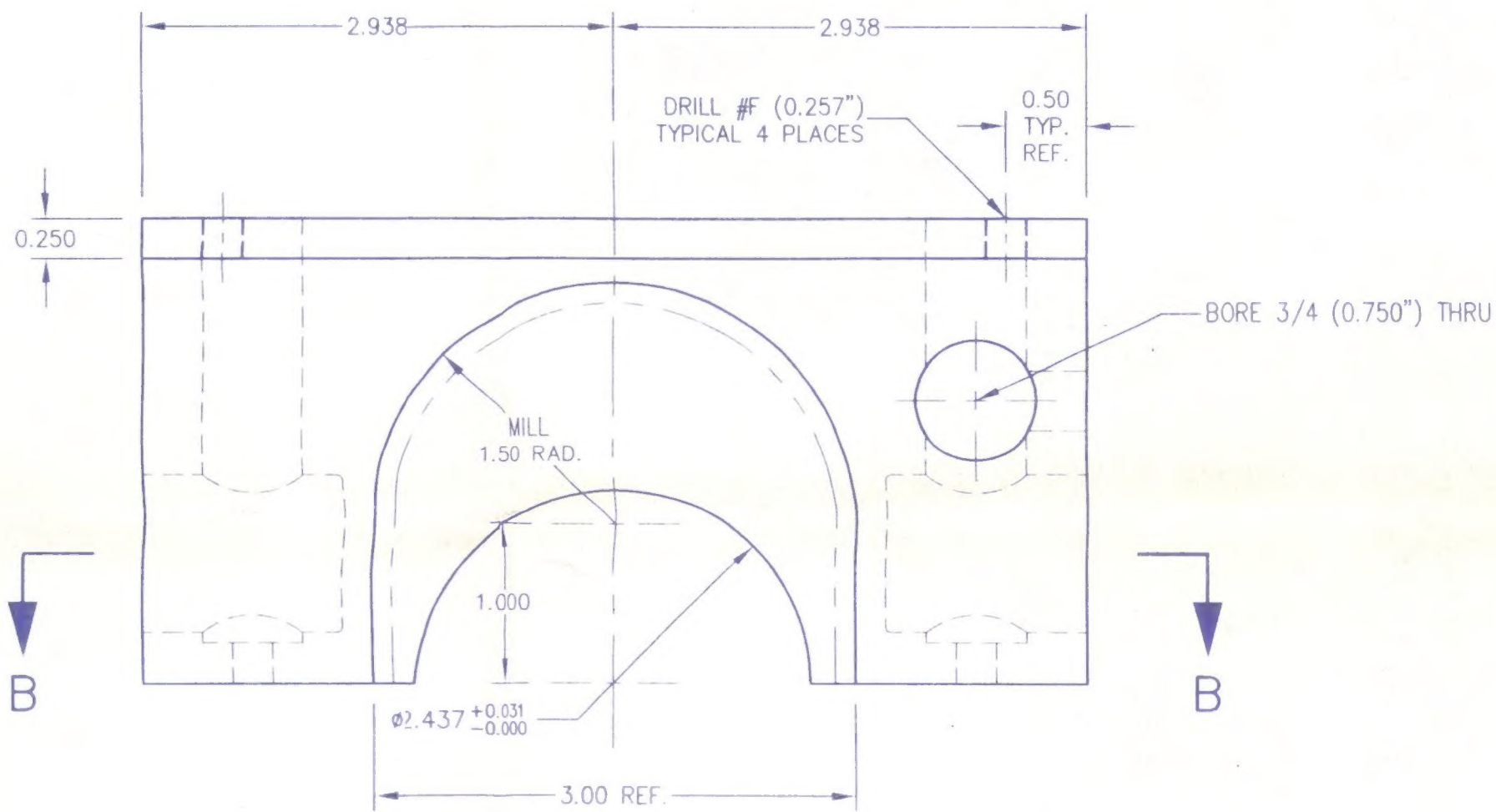
- Horizontal Dimensions (Top):**
 - 60.9 REF.
 - 59.75 REF.
 - 22.000
 - 17.25 REF.
 - 20.500
- Horizontal Dimensions (Bottom):**
 - 12.700
- Vertical Dimensions (Left):**
 - 1.00
 - 0.500
- Vertical Dimensions (Right):**
 - 0.625
 - 3.000
 - 1.25
- Annotations:**
 - DRILL #F (0.257") TYPICAL 3 PLACES
 - DRILL #W (0.386") TYPICAL 2 PLACES
 - 2 START TAPER
 - 3.1" REF.
 - 5.4" REF.

1	49221-02	02	AFT BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR	
1	49221-01	01	FORWARD BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR	
PART NO.			ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
QTY.				LIST OF MATERIALS			
APPROVALS DRAWN: STEVEN FAHEY CHECKED: E. BURGAIN STRESS:			DATE APR 24/02 APR 24/02	AERO DESIGN LTD. ENGINEERING CONSULTANTS 1045 McTAVISH ROAD N.E. CALGARY, ALBERTA T2E 7G9			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				BELL 206L SERIES AND 407 SIDE MOUNTED CARGO BASKET FORWARD AND AFT MOUNTING BEAMS			
SCALE 1 : 2 SHEET 1 OF 1				DWG. SIZE A1	DWG. NO. 49221	REV. 2	

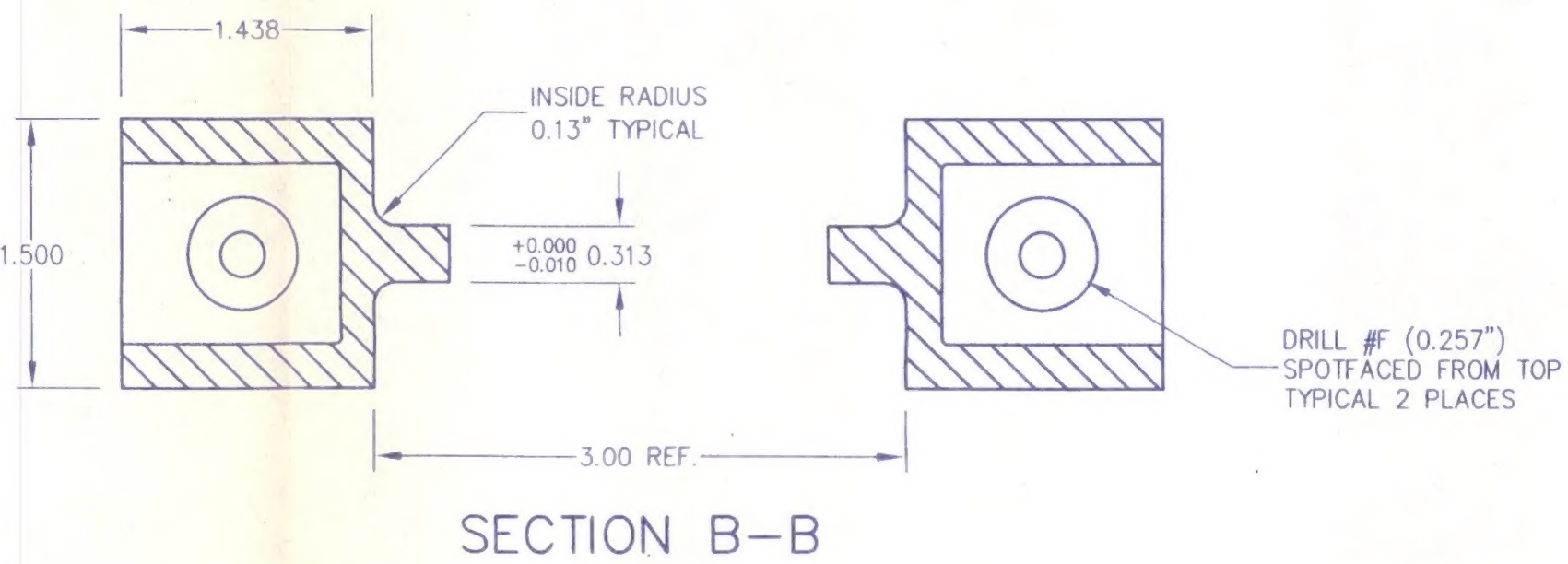
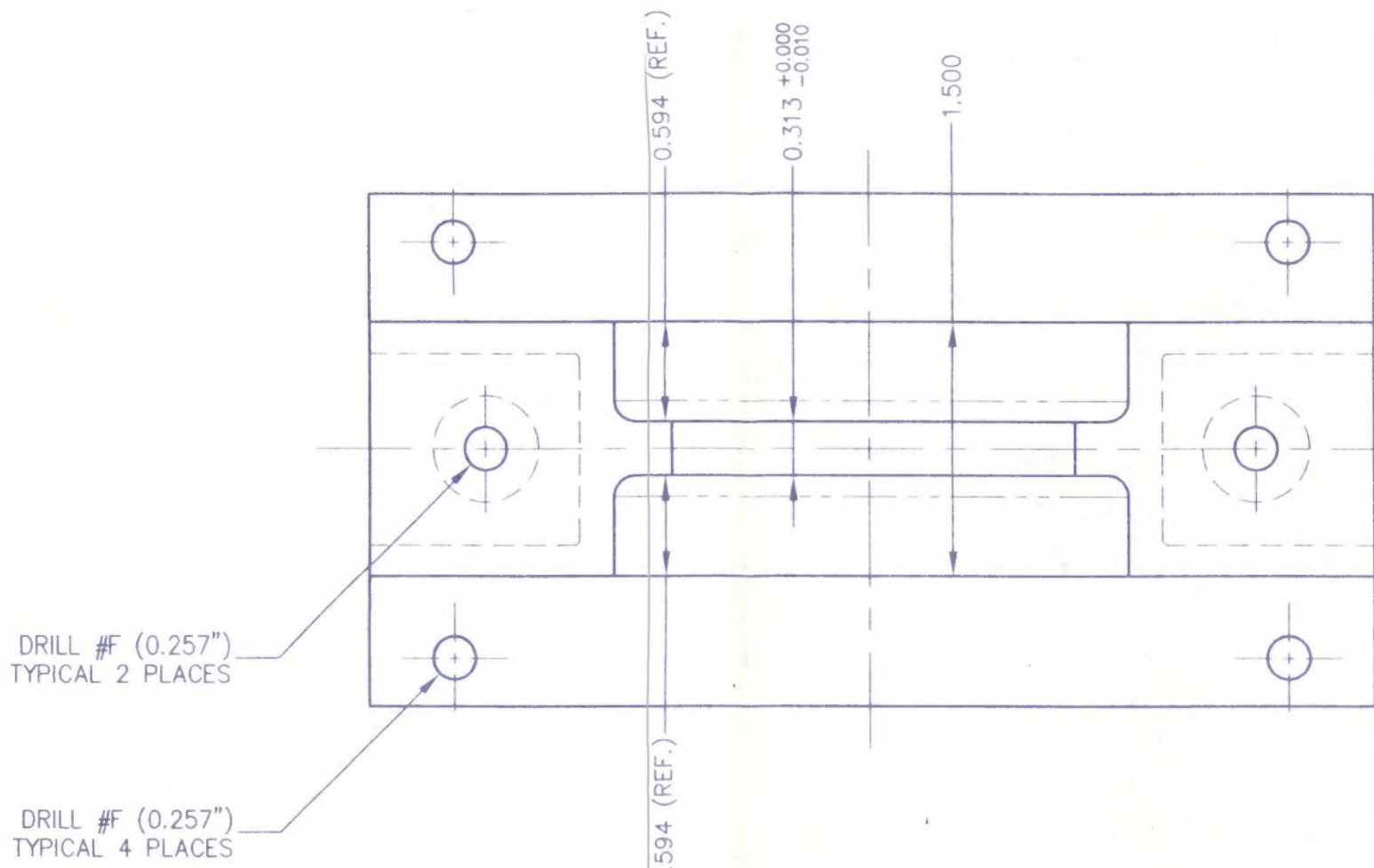
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	MANUFACTURING CHANGE: SIDE MOUNTED BARREL-NUT, BEARING DIAMETER INCREASED, FLANGE REDUCED FROM 0.40" TO 0.25" PER ER493.03	STF	JUN 17/02



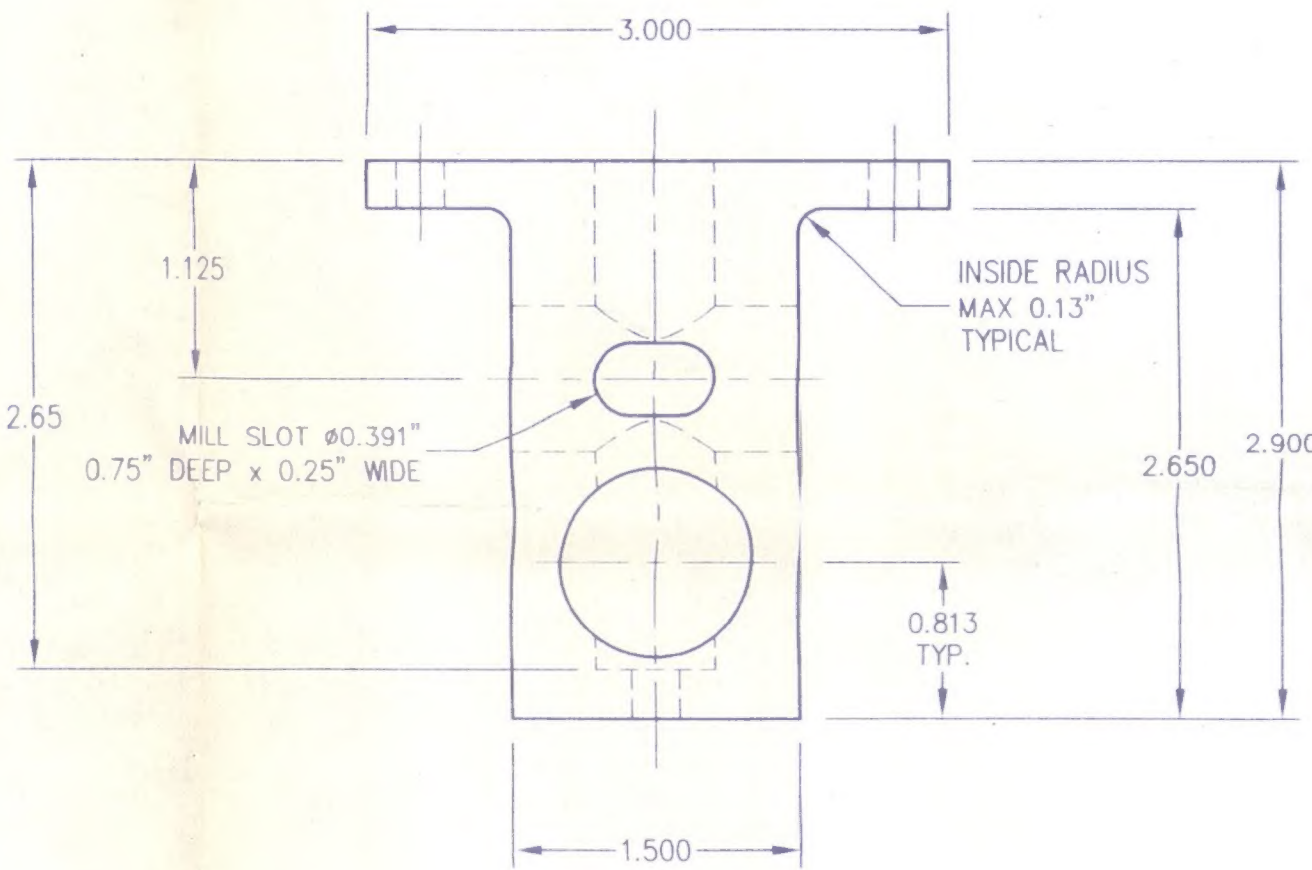
SECTION A-A



01 FORWARD FITTING



SECTION B-B



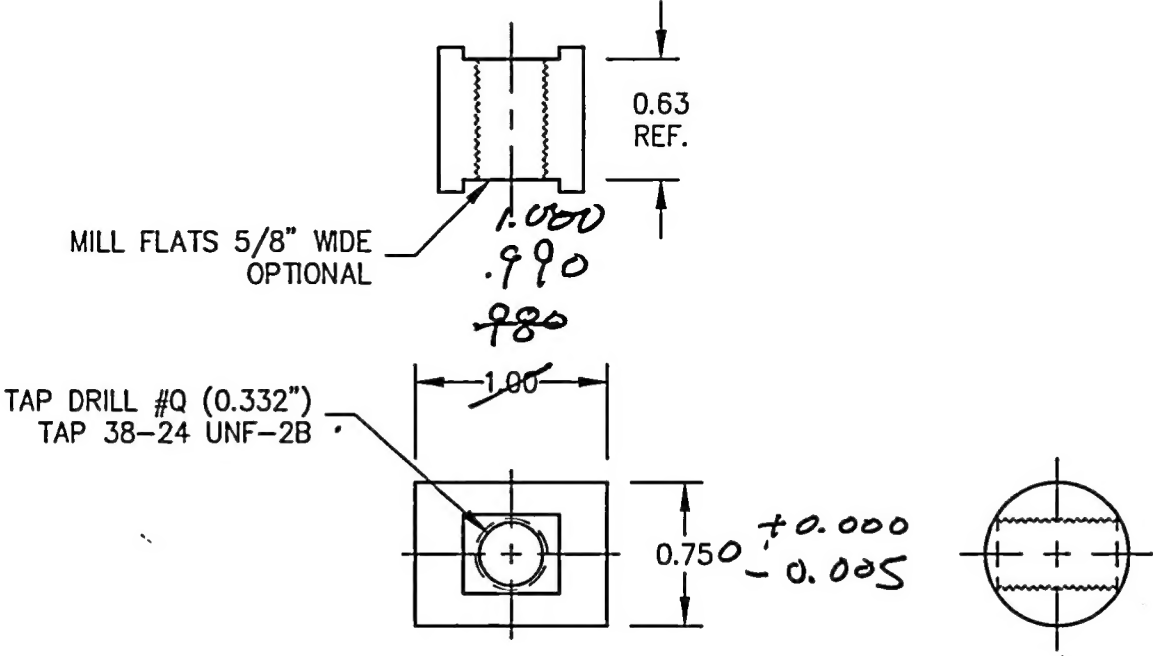
- NOTES:
1. REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.
 2. THOROUGHLY CLEAN, EPOXY PRIME, AND PAINT PART PRIOR TO ASSEMBLY.

2	49311-01	01	FORWARD FITTING	6061-T651 ALUMINUM	QQ-A-250/11	3.0" PLATE		
PART NO.		ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE		
QTY. LIST OF MATERIALS								
APPROVALS			DATE					
DRAWN: STEVEN FAHEY			APR 24/02					
CHECKED: E. BURGAIN			APR 24/02					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1			AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 – 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net					
			BELL 206L SERIES EXTERNAL ATTACHMENT PROVISIONS FORWARD FITTING					
			SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.	CHG.
			SHEET 1 OF 1		A1	49311	1	A

AERO DESIGN LTD.
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net

BELL 206L SERIES
EXTERNAL ATTACHMENT PROVISIONS
FORWARD FITTING

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49320-01	01	BARREL NUT	AISI 304 SS	MIL-S-5059	ø3/4" BAR



01 BARREL NUT

NOTES:
1. REMOVE ALL BURRS AND SHARP EDGES.

1	ENLARGED TO FIT LARGER HOLE.	STF	JUN 24/02
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

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APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 10/02
CHECKED: E. BURGAIN	MAY 10/02
STRESS:	

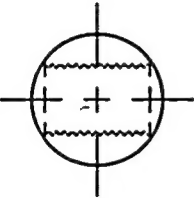
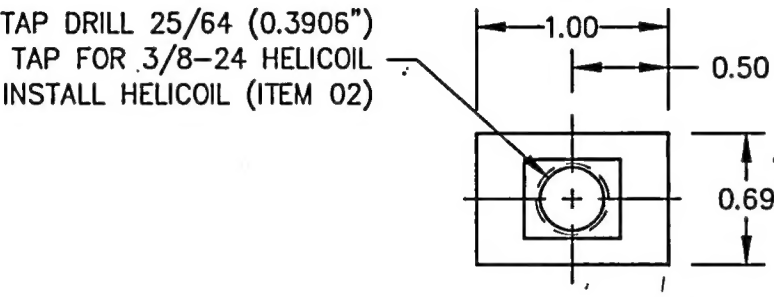
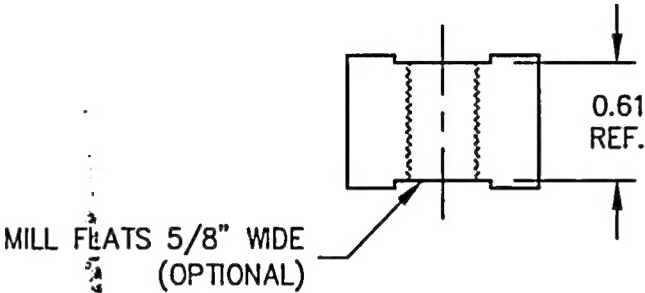
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2"
X.XX ±0.03
X.X ±0.1

AERO DESIGN LTD.
ENGINEERING CONSULTANTS
1045 McTAVISH ROAD N.E.
CALGARY, ALBERTA T2E 7G9

**BARREL NUT
FABRICATION**

SCALE 1 : 1	DWG. SIZE LGL	DWG. NO. 49320	REV. 1
SHEET 1 OF 1			

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
60624-01	01	BARREL NUT	AISI 304 SS	MIL-S-5059	Ø11/16" BAR
3591-6CN	02	SELF-LOCKING THREAD INSERT	HELICOIL	-	3/8-24 UNF x 9/16" LONG



01 BARREL NUT

NOTES:
 1. REMOVE ALL BURRS AND SHARP EDGES.

0	CREATED FROM 49320, REV. 1	BJC	MAR 29/04
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

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APPROVALS		DATE		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DRAWN: JEFF CLARKE		29 MAR 2004					
CHECKED: E. BURGOIN							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				BELL 407 EXTERNAL ATTACHMENT PROVISIONS BARREL NUT FABRICATION			
SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.			
SHEET 1 OF 1		A1	60624	0			